

February 28, 2014

Mr. Ed Olson
Minnesota Pollution Control Agency
520 Lafayette Road
St. Paul, Minnesota 55155

**Re: 2013 Monitoring Well Sealing Report
East Hennepin Avenue Site, Minneapolis, Minnesota**

Dear Mr. Olson:

On behalf of General Mills, Inc., Barr Engineering Co. has prepared this monitoring well sealing report for the East Hennepin Avenue site located at 2010 East Hennepin Avenue in Minneapolis, Minnesota (the Site). This work was planned in response to the email communication from Gary Krueger, MPCA, dated May 7, 2013 concurring with recommendations provided in the *2012 Annual Report* dated February 2013 (2012 Annual Report) to permanently seal all Carimona Member monitoring wells and one Magnolia Member monitoring well. The work was completed as planned in the *2013 Monitoring Well Sealing Work Plan* dated August 8, 2013, and approved by Fred Campbell, MPCA, in an e-mail dated August 15, 2013.

The Site location and the location of the 11 monitoring wells which were permanently sealed are shown on Figure 1. Background information and other information relating to these wells and the Site can be found in the work plan and the 2012 Annual Report.

Well Sealing

Well sealing work was completed August 22, 2013, by T.L. Stevens Well Company in accordance with the Minnesota Department of Health (MDH) well code, City of Minneapolis (City) requirements, and the *2013 Well Sealing Work Plan*.

The well sealing was overseen by Barr and included the following: All protective casing and riser pipe were removed above grade in accordance with MDH well code and/or City requirements and were sealed by pressure grouting through a tremie pipe from the bottom of the well up with neat cement grout. Bumper posts were removed where present and the ground surface restored by backfilling with black dirt and sowing grass seed or other landscaping as appropriate.

Well Sealing Records are included as Attachment 1.

Please contact me at (952) 832-2877 or sramsd@barr.com with any questions on the information contained in this letter.

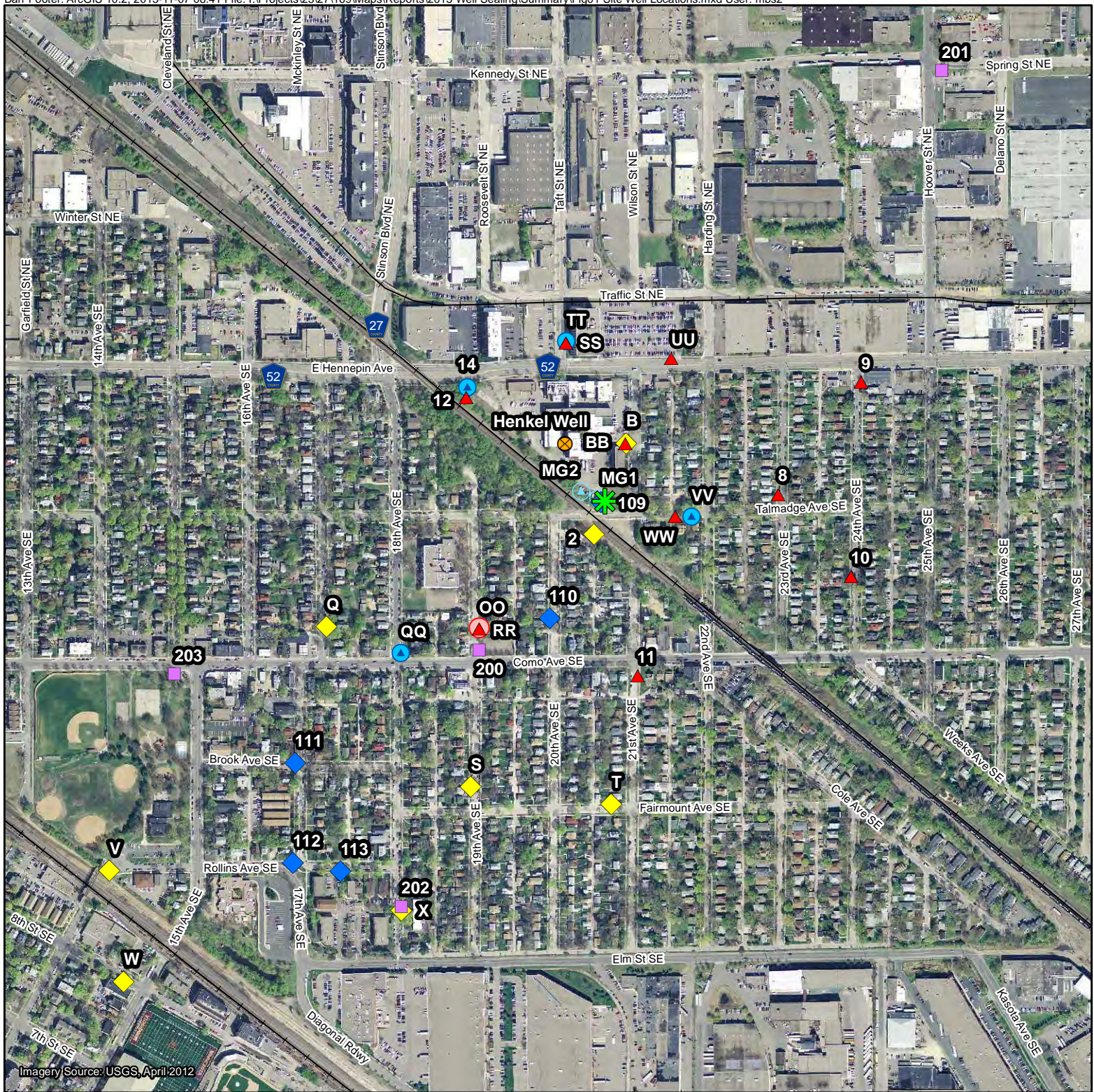
Sincerely,

A handwritten signature in black ink that reads "Sara Ramsden". The script is cursive and fluid, with the first name "Sara" and last name "Ramsden" clearly legible.

Sara Ramsden, P.E.
Project Manager

Enclosures
Figure 1 – Site Well Locations
Attachment 1 – Well Sealing Records

cc: Fred Campbell, MPCA
Larry Deeney, General Mills



- Former Disposal Site
- Magnolia Member Well (Sealed)
- Carimona Member Well (Sealed)
- Glacial Drift Pump-Out Well
- Glacial Drift Well
- Magnolia Member Well
- Magnolia Member Pump-Out Well
- Prairie du Chien Well
- St. Peter Sandstone Well



0 300 600 1,200
Feet

Figure 1

SITE WELL LOCATIONS
East Hennepin Avenue Site
Minneapolis, Minnesota

Note: Wells BB and UU were constructed across both the Carimona and Magnolia members, but were grouped with the Carimona wells.

WELL OR BORING LOCATION
County Name
Hennepin

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING SEALING RECORD
Minnesota Statutes, Chapter 103I

Minnesota Well and Boring
Sealing No.
Minnesota Unique Well No.
or W-series No.
(Leave blank if not known)

H 316732

Township Name Minneapolis	Township No. 29	Range No. 23	Section No. 19	Fraction (sm. → lg.) NE NE NE	Date Sealed 08/22/2013	Date Well or Boring Constructed Unknown
GPS LOCATION: Latitude _____ degrees _____ minutes _____ seconds Longitude _____ degrees _____ minutes _____ seconds					Depth Before Sealing 60 ft.	Original Depth Unknown ft.
Numerical Street Address or Fire Number and City of Well or Boring Location 1061 23rd Avenue SE Minneapolis MN 55413					STATIC WATER LEVEL <input checked="" type="checkbox"/> Measured <input type="checkbox"/> Estimated Date Measured 08/22/2013	
Show exact location of well or boring in section grid with "X." <p>Well: 8 See attached map</p>					<input type="checkbox"/> Water-Supply Well <input checked="" type="checkbox"/> Monit. Well <input type="checkbox"/> Env. Bore Hole <input type="checkbox"/> Other _____ 26 ft. <input checked="" type="checkbox"/> below <input type="checkbox"/> above land surface	
PROPERTY OWNER'S NAME/COMPANY NAME City Of Minneapolis					CASING TYPE(S) <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Plastic <input type="checkbox"/> Tile <input type="checkbox"/> Other _____	
Property owner's mailing address if different than well location address indicated above 250 South 4th Street Minneapolis MN 55415					WELLHEAD COMPLETION Outside: <input type="checkbox"/> Well House <input type="checkbox"/> At Grade <input type="checkbox"/> Pitless Adapter/Unit <input type="checkbox"/> Buried <input type="checkbox"/> Well Pit <input checked="" type="checkbox"/> Other Cover pipe Inside: <input type="checkbox"/> Basement Offset <input type="checkbox"/> Well Pit <input type="checkbox"/> Buried <input type="checkbox"/> Other _____	
WELL OWNER'S NAME/COMPANY NAME General Mills					CASING(S) Diameter 4 in. from 0 to 59 ft. Set in oversize hole? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Annular space initially grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown	
Well owner's mailing address if different than property owner's address indicated above Number One General Mills Blvd Minneapolis MN 55426					SCREEN/OPEN HOLE Screen from 59 to 63 ft. Open Hole from _____ to _____ ft.	
OBSTRUCTIONS <input type="checkbox"/> Rods/Drop Pipe <input type="checkbox"/> Check Valve(s) <input type="checkbox"/> Debris <input type="checkbox"/> Fill <input checked="" type="checkbox"/> No Obstruction Type of Obstructions (Describe) _____					Obstructions removed? <input type="checkbox"/> Yes <input type="checkbox"/> No Describe _____	
GEOLOGICAL MATERIAL COLOR HARDNESS OR FORMATION FROM TO					PUMP Type Submersible <input checked="" type="checkbox"/> Removed <input type="checkbox"/> Not Present <input type="checkbox"/> Other _____	
If not known, indicate estimated formation log from nearby well or boring.					METHOD USED TO SEAL ANNULAR SPACE BETWEEN 2 CASINGS, OR CASING AND BORE HOLE: <input checked="" type="checkbox"/> No Annular Space Exists <input type="checkbox"/> Annular Space Grouted with Tremie Pipe <input type="checkbox"/> Casing Perforation/Removal _____ in. from _____ to _____ ft. <input type="checkbox"/> Perforated <input type="checkbox"/> Removed _____ in. from _____ to _____ ft. <input type="checkbox"/> Perforated <input type="checkbox"/> Removed Type of Perforator _____ <input type="checkbox"/> Other _____	
GRROUTING MATERIAL(S) (One bag of cement = 94 lbs., one bag of bentonite = 50 lbs.)					OTHER WELLS AND BORINGS	
Grouting Material Cement from 0 to 63 ft. _____ yards 8 bags					Other unsealed and unused well or boring on property? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No How many? _____	
REMARKS, SOURCE OF DATA, DIFFICULTIES IN SEALING					LICENSED OR REGISTERED CONTRACTOR CERTIFICATION This well or boring was sealed in accordance with Minnesota Rules, Chapter 4725. The information contained in this report is true to the best of my knowledge.	
T.L. Stevens Well Company					1838	
Licensee Business Name					License or Registration No.	
					898 11/06/2013	
Certified Representative Signature					Certified Rep. No. Date	
Joe Stevens						
Name of Person Sealing Well or Boring						

MINN. DEPT OF HEALTH COPY

H 316732

WELL OR BORING LOCATION

County Name
Hennepin

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING SEALING RECORD
Minnesota Statutes, Chapter 103I

Minnesota Well and Boring
Sealing No.
Minnesota Unique Well No.
or W-series No.
(Leave blank if not known)

H **316733**

Township Name Minneapolis	Township No. 29	Range No. 23	Section No. 19	Fraction (sm. → lg.) NE NE NE	Date Sealed 08/22/2013	Date Well or Boring Constructed Unknown
GPS LOCATION: Latitude _____ degrees _____ minutes _____ seconds Longitude _____ degrees _____ minutes _____ seconds					Depth Before Sealing 63 ft. Original Depth Unknown	
Numerical Street Address or Fire Number and City of Well or Boring Location 2400 Hennepin Avenue East Minneapolis MN 55413 Show exact location of well or boring in section grid with "X."					STATIC WATER LEVEL <input checked="" type="checkbox"/> Measured <input type="checkbox"/> Estimated Date Measured 08/22/2013 26 ft. <input checked="" type="checkbox"/> below <input type="checkbox"/> above land surface	
Sketch map of well or boring location, showing property lines, roads, and buildings.  <p style="text-align: center;">Well: 9 See attached map</p>					AQUIFER(S) <input checked="" type="checkbox"/> Single Aquifer <input type="checkbox"/> Multiaquifer WELL/BORING <input type="checkbox"/> Water-Supply Well <input checked="" type="checkbox"/> Monit. Well <input type="checkbox"/> Env. Bore Hole <input type="checkbox"/> Other _____	
PROPERTY OWNER'S NAME/COMPANY NAME City Of Minneapolis Property owner's mailing address if different than well location address indicated above 250 South 4th Street Minneapolis MN 55415					CASING(S) Diameter _____ Depth _____ Set in oversized hole? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Annular space initially grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown _____ in. from _____ to _____ ft. <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown _____ in. from _____ to _____ ft. <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	
WELL OWNER'S NAME/COMPANY NAME General Mills Well owner's mailing address if different than property owner's address indicated above Number One General Mills Blvd Minneapolis MN 55426					SCREEN/OPEN HOLE Screen from 59 to 63 ft. Open Hole from _____ to _____ ft.	
GEOLOGICAL MATERIAL COLOR HARDNESS OR FORMATION FROM TO If not known, indicate estimated formation log from nearby well or boring.					OBSTRUCTIONS <input type="checkbox"/> Rods/Drop Pipe <input type="checkbox"/> Check Valve(s) <input type="checkbox"/> Debris <input type="checkbox"/> Fill <input checked="" type="checkbox"/> No Obstruction Type of Obstructions (Describe) _____	
					PUMP Type _____ <input type="checkbox"/> Removed <input checked="" type="checkbox"/> Not Present <input type="checkbox"/> Other _____	
					METHOD USED TO SEAL ANNULAR SPACE BETWEEN 2 CASINGS, OR CASING AND BORE HOLE: <input checked="" type="checkbox"/> No Annular Space Exists <input type="checkbox"/> Annular Space Grouted with Tremie Pipe <input type="checkbox"/> Casing Perforation/Removal _____ in. from _____ to _____ ft. <input type="checkbox"/> Perforated <input type="checkbox"/> Removed _____ in. from _____ to _____ ft. <input type="checkbox"/> Perforated <input type="checkbox"/> Removed Type of Perforator: _____ <input type="checkbox"/> Other _____	
					GROUTING MATERIAL(S) (One bag of cement = 94 lbs., one bag of bentonite = 50 lbs.) Grouting Material Cement from 0 to 63 ft. _____ yards 8 bags _____ from _____ to _____ ft. _____ yards _____ bags _____ from _____ to _____ ft. _____ yards _____ bags	
					OTHER WELLS AND BORINGS Other unsealed and unused well or boring on property? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No How many? _____	
					LICENSED OR REGISTERED CONTRACTOR CERTIFICATION This well or boring was sealed in accordance with Minnesota Rules, Chapter 4725. The information contained in this report is true to the best of my knowledge.	
REMARKS, SOURCE OF DATA, DIFFICULTIES IN SEALING					T.L. Stevens Well Company 1838 Licensee Business Name License or Registration No.  Certified Representative Signature 898 11/06/2013 Certified Rep. No. Date Joe Stevens Name of Person Sealing Well or Boring	

WELL OR BORING LOCATION

County Name

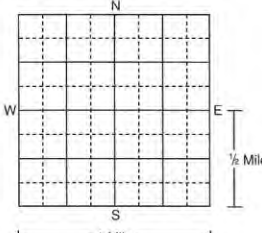
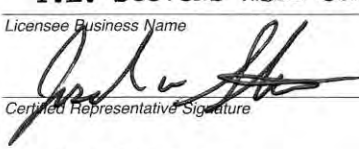
Hennepin

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING SEALING RECORD

Minnesota Statutes, Chapter 103I

Minnesota Well and Boring
Sealing No.
Minnesota Unique Well No.
or W-series No.
(Leave blank if not known)

H 316734

Township Name Minneapolis	Township No. 29	Range No. 23	Section No. 19	Fraction (sm. → lg.) SE NE NW	Date Sealed 08/22/2013	Date Well or Boring Constructed Unknown
GPS LOCATION: Latitude _____ degrees _____ minutes _____ seconds Longitude _____ degrees _____ minutes _____ seconds					Depth Before Sealing 63 ft. Original Depth Unknown ft.	
Numerical Street Address or Fire Number and City of Well or Boring Location 1037 24th Avenue SE Minneapolis MN 55414 Show exact location of well or boring in section grid with "X."					AQUIFER(S) <input checked="" type="checkbox"/> Single Aquifer <input type="checkbox"/> Multiaquifer WELL/BORING <input type="checkbox"/> Water-Supply Well <input checked="" type="checkbox"/> Monit. Well <input type="checkbox"/> Env. Bore Hole <input type="checkbox"/> Other	
Sketch map of well or boring location, showing property lines, roads, and buildings. 					STATIC WATER LEVEL <input checked="" type="checkbox"/> Measured <input type="checkbox"/> Estimated Date Measured 08/22/2013 24 ft. <input checked="" type="checkbox"/> below <input type="checkbox"/> above land surface	
CASING TYPE(S) <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Plastic <input type="checkbox"/> Tile <input type="checkbox"/> Other					WELLHEAD COMPLETION Outside: <input type="checkbox"/> Well House <input type="checkbox"/> At Grade <input type="checkbox"/> Pitless Adapter/Unit <input type="checkbox"/> Well Pit <input checked="" type="checkbox"/> Other Cover pipe Inside: <input type="checkbox"/> Basement Offset <input type="checkbox"/> Well Pit <input type="checkbox"/> Buried <input type="checkbox"/> Other	
PROPERTY OWNER'S NAME/COMPANY NAME City Of Minneapolis Property owner's mailing address if different than well location address indicated above 250 South 4th Street Minneapolis MN 55415					CASING(S) Diameter _____ Depth _____ Set in oversize hole? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Annular space initially grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown _____ in. from _____ to _____ ft. <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown _____ in. from _____ to _____ ft. <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	
WELL OWNER'S NAME/COMPANY NAME General Mills Well owner's mailing address if different than property owner's address indicated above Number One General Mills Blvd Minneapolis MN 55426					SCREEN/OPEN HOLE Screen from 50 to 63 ft. Open Hole from _____ to _____ ft.	
GEOLOGICAL MATERIAL COLOR HARDNESS OR FORMATION FROM TO If not known, indicate estimated formation log from nearby well or boring.					OBSTRUCTIONS <input type="checkbox"/> Rods/Drop Pipe <input type="checkbox"/> Check Valve(s) <input type="checkbox"/> Debris <input type="checkbox"/> Fill <input checked="" type="checkbox"/> No Obstruction Type of Obstructions (Describe) _____ Obstructions removed? <input type="checkbox"/> Yes <input type="checkbox"/> No Describe _____	
PUMP Type _____ <input type="checkbox"/> Removed <input checked="" type="checkbox"/> Not Present <input type="checkbox"/> Other					METHOD USED TO SEAL ANNULAR SPACE BETWEEN 2 CASINGS, OR CASING AND BORE HOLE: <input checked="" type="checkbox"/> No Annular Space Exists <input type="checkbox"/> Annular Space Grouted with Tremie Pipe <input type="checkbox"/> Casing Perforation/Removal _____ in. from _____ to _____ ft. <input type="checkbox"/> Perforated <input type="checkbox"/> Removed _____ in. from _____ to _____ ft. <input type="checkbox"/> Perforated <input type="checkbox"/> Removed Type of Perforator _____ <input type="checkbox"/> Other	
GROUTING MATERIAL(S) (One bag of cement = 94 lbs., one bag of bentonite = 50 lbs.) Grouting Material Cement from 0 to 63 ft. _____ yards 6 bags _____ from _____ to _____ ft. _____ yards _____ bags _____ from _____ to _____ ft. _____ yards _____ bags					OTHER WELLS AND BORINGS Other unsealed and unused well or boring on property? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No How many? _____	
REMARKS, SOURCE OF DATA, DIFFICULTIES IN SEALING					LICENSED OR REGISTERED CONTRACTOR CERTIFICATION This well or boring was sealed in accordance with Minnesota Rules, Chapter 4725. The information contained in this report is true to the best of my knowledge. T.L. Stevens Well Company 1838 Licensee Business Name License or Registration No.  898 11/06/2013 Certified Representative Signature Certified Rep. No. Date Joe Stevens Name of Person Sealing Well or Boring	

MINN. DEPT OF HEALTH COPY

H 316734

HE-01434-13	IC# 140-0423	5/12/2013
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WELL OR BORING LOCATION

County Name

Hennepin

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING SEALING RECORD

Minnesota Statutes, Chapter 1031

Minnesota Well and Boring
Sealing No.
Minnesota Unique Well No.
or W-series No.
(Leave blank if not known)

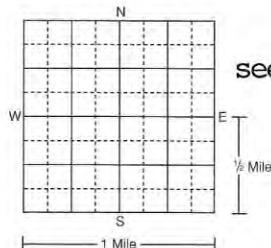
H 316726

Township Name	Township No.	Range No.	Section No.	Fraction (sm. → lg.)
Minneapolis	29	23	19	$\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$ SE NE NW

Date Sealed
08/22/2013Date Well or Boring Constructed
10/26/1982GPS LOCATION: Latitude _____ degrees _____ minutes _____ seconds
Longitude _____ degrees _____ minutes _____ seconds

Depth Before Sealing 70 ft. Original Depth Unknown ft.

Numerical Street Address or Fire Number and City of Well or Boring Location

2010 Hennepin Avenue East
Minneapolis MN 55413Show exact location of well or boring
in section grid with "X."Sketch map of well or boring
location, showing property
lines, roads, and buildings.Well BB
see attached mapAQUIFER(S)
☒ Single Aquifer ☐ Multiaquifer

STATIC WATER LEVEL

WELL/BORING
☐ Water-Supply Well ☒ Monit. Well☒ Measured ☐ Estimated Date Measured 08/22/2013☐ Env. Bore Hole ☐ Other22 ft. ☒ below ☐ above land surface

CASING TYPE(S)

☐ Steel ☒ Plastic ☐ Tile ☐ Other

WELLHEAD COMPLETION

Outside: ☐ Well House ☐ At GradeInside: ☐ Basement Offset☐ Pitless Adapter/Unit ☐ Buried☐ Well Pit☐ Well Pit☐ Buried☒ Other Cover pipe☐ Other

PROPERTY OWNER'S NAME/COMPANY NAME

First & First LLC

Property owner's mailing address if different than well location address indicated above

Attn: Peter Remes
1400 Van Buren Street NE #270
Minneapolis MN 55413

CASING(S)

Diameter	Depth	Set in oversize hole?	Annular space initially grouted?
1.5 in. from 0 to 65 ft.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown	
_____ in. from _____ to _____ ft.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	
_____ in. from _____ to _____ ft.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	

WELL OWNER'S NAME/COMPANY NAME

General Mills

Well owner's mailing address if different than property owner's address indicated above

Number One General Mills Blvd
Minneapolis MN 55426

SCREEN/OPEN HOLE

Screen from 65 to 70 ft. Open Hole from _____ to _____ ft.

OBSTRUCTIONS

☐ Rods/Drop Pipe ☐ Check Valve(s) ☐ Debris ☐ Fill ☒ No Obstruction

Type of Obstructions (Describe)

Obstructions removed? ☐ Yes ☐ No Describe

PUMP

Type
☐ Removed ☒ Not Present ☐ Other

METHOD USED TO SEAL ANNULAR SPACE BETWEEN 2 CASINGS, OR CASING AND BORE HOLE:

<input checked="" type="checkbox"/> No Annular Space Exists	<input type="checkbox"/> Annular Space Grouted with Tremie Pipe	<input type="checkbox"/> Casing Perforation/Removal
_____ in. from _____ to _____ ft.	<input type="checkbox"/> Perforated	<input type="checkbox"/> Removed
_____ in. from _____ to _____ ft.	<input type="checkbox"/> Perforated	<input type="checkbox"/> Removed

Type of Perforator

☐ Other

GROUTING MATERIAL(S)

(One bag of cement = 94 lbs., one bag of bentonite = 50 lbs.)

Grouting Material Cement	from 0 to 70 ft.	yards 1.5 bags
_____	from _____ to _____ ft.	yards _____ bags
_____	from _____ to _____ ft.	yards _____ bags

OTHER WELLS AND BORINGS

Other unsealed and unused well or boring on property? ☐ Yes ☒ No How many?

LICENSED OR REGISTERED CONTRACTOR CERTIFICATION

This well or boring was sealed in accordance with Minnesota Rules, Chapter 4725. The information contained in this report is true to the best of my knowledge.

T.I. Stevens Well Company
Licensee Business Name1838
License or Registration No.

Certified Representative Signature

898

Certified Rep. No.

11/06/2013

Date

Joe Stevens

Name of Person Sealing Well or Boring

MINN. DEPT. OF HEALTH COPY

H 316726

WELL OR BORING LOCATION
County Name
Hennepin

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING SEALING RECORD
Minnesota Statutes, Chapter 103I

Minnesota Well and Boring
Sealing No.
Minnesota Unique Well No.
or W-series No.
(Leave blank if not known)

H **316727**

Township Name Minneapolis	Township No. 29	Range No. 23	Section No. 19	Fraction (sm. → lg.) SW SW NW	Date Sealed 08/22/2013	Date Well or Boring Constructed 03/17/1982
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GPS LOCATION: Latitude _____ degrees _____ minutes _____ seconds
Longitude _____ degrees _____ minutes _____ seconds

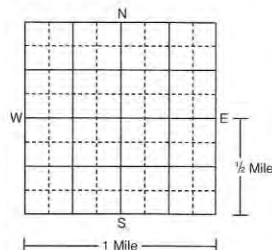
Depth Before Sealing **60** ft. Original Depth **60** ft.

Numerical Street Address or Fire Number and City of Well or Boring Location

**1008 19th Avenue SE
Minneapolis MN 55414**

Show exact location of well or boring
in section grid with "X."

Sketch map of well or boring
location, showing property
lines, roads, and buildings.



Well: 00
See attached map

AQUIFER(S)
☒ Single Aquifer ☐ Multiaquifer

WELL/BORING
☐ Water-Supply Well ☒ Monit. Well
☐ Env. Bore Hole ☐ Other _____

STATIC WATER LEVEL

☒ Measured ☐ Estimated Date Measured **08/22/2013**

19 ft. ☒ below ☐ above land surface

CASING TYPE(S)

☐ Steel ☒ Plastic ☐ Tile ☐ Other _____

WELLHEAD COMPLETION

Outside: ☐ Well House ☐ At Grade Inside: ☐ Basement Offset

☐ Pitless Adapter/Unit ☐ Buried

☐ Well Pit

☒ Other **Cover pipe**

☐ Well Pit

☐ Buried

☐ Other _____

PROPERTY OWNER'S NAME/COMPANY NAME

City Of Minneapolis

Property owner's mailing address if different than well location address indicated above

**250 South 4th Street - Room 414
Minneapolis MN 55415**

CASING(S)

Diameter	Depth	Set in oversize hole?	Annular space initially grouted?
1.5 in. from 0 to 58 ft.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown	
_____ in. from _____ to _____ ft.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	
_____ in. from _____ to _____ ft.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	

WELL OWNER'S NAME/COMPANY NAME

General Mills

Well owner's mailing address if different than property owner's address indicated above

**Number One General Mills Blvd
Minneapolis MN 55426**

SCREEN/OPEN HOLE

Screen from **58** to **60** ft. Open Hole from _____ to _____ ft.

OBSTRUCTIONS

☐ Rods/Drop Pipe ☐ Check Valve(s) ☐ Debris ☐ Fill ☒ No Obstruction

Type of Obstructions (Describe)

Obstructions removed? ☐ Yes ☐ No Describe _____

PUMP

Type

☐ Removed ☒ Not Present ☐ Other _____

METHOD USED TO SEAL ANNULAR SPACE BETWEEN 2 CASINGS, OR CASING AND BORE HOLE:

☒ No Annular Space Exists ☐ Annular Space Grouted with Tremie Pipe ☐ Casing Perforation/Removal
_____ in. from _____ to _____ ft. ☐ Perforated ☐ Removed
_____ in. from _____ to _____ ft. ☐ Perforated ☐ Removed

Type of Perforator _____

☐ Other _____

GROUTING MATERIAL(S)

(One bag of cement = 94 lbs., one bag of bentonite = 50 lbs.)

Grouting Material **Cement** from **0** to **60** ft. _____ yards **3/4** bags

_____ from _____ to _____ ft. _____ yards _____ bags

_____ from _____ to _____ ft. _____ yards _____ bags

OTHER WELLS AND BORINGS

Other unsealed and unused well or boring on property? ☐ Yes ☒ No How many? _____

LICENSED OR REGISTERED CONTRACTOR CERTIFICATION

This well or boring was sealed in accordance with Minnesota Rules, Chapter 4725. The information contained in this report is true to the best of my knowledge.

T.L. Stevens Well Company

1838

Licensee Business Name

License or Registration No.

Certified Representative Signature

898

11/06/2013

Certified Rep. No.

Date

Joe Stevens

Name of Person Sealing Well or Boring

MINN. DEPT. OF HEALTH COPY

H **316727**

WELL OR BORING LOCATION
County Name
Hennepin

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING SEALING RECORD
Minnesota Statutes, Chapter 103I

Minnesota Well and Boring
Sealing No.
Minnesota Unique Well No.
or W-series No.
(Leave blank if not known)

H 316729

Township Name
Minneapolis

Township No. **29** Range No. **23** Section No. **18** Fraction (sm. → lg.) **SW SE SW**

Date Sealed **08/22/2013** Date Well or Boring Constructed **07/18/1982**

GPS LOCATION: Latitude _____ degrees _____ minutes _____ seconds
Longitude _____ degrees _____ minutes _____ seconds

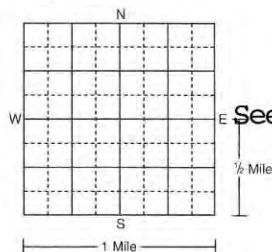
Depth Before Sealing **61** ft. Original Depth **61** ft.

Numerical Street Address or Fire Number and City of Well or Boring Location
**2021 Hennepin Avenue East
Minneapolis MN 55413**

AQUIFER(S)
☒ Single Aquifer ☐ Multiaquifer
WELL/BORING
☐ Water-Supply Well ☒ Monit. Well
☐ Env. Bore Hole ☐ Other _____
STATIC WATER LEVEL
☒ Measured ☐ Estimated Date Measured **08/22/2013**
30 ft. ☒ below ☐ above land surface

Show exact location of well or boring in section grid with "X."

Sketch map of well or boring location, showing property lines, roads, and buildings.



Well: **SS**

See attached map

CASING TYPE(S)
☐ Steel ☒ Plastic ☐ Tile ☐ Other _____

WELLHEAD COMPLETION
Outside: ☐ Well House ☐ At Grade ☐ Pitless Adapter/Unit ☐ Well Pit ☒ Other **Cover pipe**
Inside: ☐ Basement Offset ☐ Well Pit ☐ Buried ☐ Other _____

PROPERTY OWNER'S NAME/COMPANY NAME
City Of Minneapolis
Property owner's mailing address if different than well location address indicated above

CASING(S)
Diameter _____ Depth _____ Set in oversize hole? ☐ Yes ☒ No Annular space initially grouted? ☐ Yes ☐ No ☒ Unknown
_____ in. from _____ to _____ ft. ☐ Yes ☐ No ☐ Yes ☐ No ☐ Unknown
_____ in. from _____ to _____ ft. ☐ Yes ☐ No ☐ Yes ☐ No ☐ Unknown

**250 South 4th Street
Minneapolis MN 55415**

WELL OWNER'S NAME/COMPANY NAME
General Mills
Well owner's mailing address if different than property owner's address indicated above

SCREEN/OPEN HOLE
Screen from **59** to **61** ft. Open Hole from _____ to _____ ft.

**Number One General Mills Blvd
Minneapolis MN 55426**

OBSTRUCTIONS
☐ Rods/Drop Pipe ☐ Check Valve(s) ☐ Debris ☐ Fill ☒ No Obstruction
Type of Obstructions (Describe) _____

GEOLOGICAL MATERIAL COLOR HARDNESS OR FORMATION FROM TO

Obstructions removed? ☐ Yes ☐ No Describe _____

If not known, indicate estimated formation log from nearby well or boring.

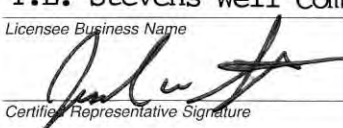
PUMP
Type _____
☐ Removed ☒ Not Present ☐ Other _____

METHOD USED TO SEAL ANNULAR SPACE BETWEEN 2 CASINGS, OR CASING AND BORE HOLE:
☒ No Annular Space Exists ☐ Annular Space Grouted with Tremie Pipe ☐ Casing Perforation/Removal
_____ in. from _____ to _____ ft. ☐ Perforated ☐ Removed
_____ in. from _____ to _____ ft. ☐ Perforated ☐ Removed
Type of Perforator _____
☐ Other _____

GROUTING MATERIAL(S) (One bag of cement = 94 lbs., one bag of bentonite = 50 lbs.)
Grouting Material **Cement** from **0** to **61** ft. _____ yards **1.25** bags
_____ from _____ to _____ ft. _____ yards _____ bags
_____ from _____ to _____ ft. _____ yards _____ bags

OTHER WELLS AND BORINGS
Other unsealed and unused well or boring on property? ☐ Yes ☒ No How many? _____

LICENSED OR REGISTERED CONTRACTOR CERTIFICATION
This well or boring was sealed in accordance with Minnesota Rules, Chapter 4725. The information contained in this report is true to the best of my knowledge.

T.L. Stevens Well Company **1838**
Licensee Business Name License or Registration No.
 **898** **11/06/2013**
Certified Representative Signature Certified Rep. No. Date
Joe Stevens
Name of Person Sealing Well or Boring

MINN. DEPT. OF HEALTH COPY

H 316729

HE-01434-13 IC# 140-0423

HE-01434-13	IC# 140-0423	5/12/2013
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Site

or Well (To Be Sealed)

3

600

22

Well	Type	Address (Closest Parcel to Well)
8	Carimona Member Monitoring Well	1061 23RD AVE SE, MINNEAPOLIS 55413
9	Carimona Member Monitoring Well	2400 HENNEPIN AVE E, MINNEAPOLIS 55413
10	Carimona Member Monitoring Well	1037 24TH AVE SE, MINNEAPOLIS 55414
11	Carimona Member Monitoring Well	2100 COMO AVE SE, MINNEAPOLIS 55414
12	Carimona Member Monitoring Well	2010 HENNEPIN AVE E, MINNEAPOLIS 55413
BB	Carimona Member Monitoring Well	2010 HENNEPIN AVE E, MINNEAPOLIS 55413
OO	Magnolia Member Monitoring Well	1008 19TH AVE SE, MINNEAPOLIS 55414
RR	Carimona Member Monitoring Well	1008 19TH AVE SE, MINNEAPOLIS 55414
SS	Carimona Member Monitoring Well	2021 HENNEPIN AVE E, MINNEAPOLIS 55413
UU	Carimona Member Monitoring Well	2115 HENNEPIN AVE E, MINNEAPOLIS 55413
WW	Carimona Member Monitoring Well	2112 TALMAGE AVE SE, MINNEAPOLIS 55414